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SEP 2-3 2003
TC 1700

1742

IN THE US PATENT AND TRADEMARK OFFICE

Applicants: George D. CHANDLEY et al.

September 18, 2003

For: TITANIUM ALUMINIDE MATERIAL RESISTANT TO
MOLTEN ALUMINUM

Serial No.: 09/740 708

Group: 1742

Filed: Dec. 19, 2000

Examiner: Combs

Confirmation No. 5022

17/c
OK
02/25/03

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Dear Sir:

Please amend the above application as follows:

IN THE CLAIMS:

- C 1
1. (Withdrawn)
 2. (Withdrawn)
 3. (Withdrawn)
 4. (Withdrawn)
 5. (Withdrawn)
 6. (Withdrawn)
 7. (Withdrawn)
 8. (Withdrawn)
 9. (Withdrawn)

10. (Currently amended) A method of increasing the service life of a titanium aluminide alloy in contact with a molten metallic material comprising aluminum, comprising including in the titanium aluminide alloy a rare earth element in an effective amount to prolong resistance to attack of the alloy by the molten metallic material and contacting ~~said~~ the alloy with ~~said~~ the molten metallic material.